

Inaugural Meeting

of

THE INTERNATIONAL SOCIETY FOR THE
HISTORY OF BEHAVIORAL AND SOCIAL
SCIENCES

Friday, May 9, 1969

Saturday, May 10, 1969

Sunday, May 11, 1969

Princeton University



Nossau Fan
08540

The behavioral and social sciences are at a significant and critical stage in their development. For one thing, their vast accumulation of data is divergently increasing beyond the scope of any specialist, with horizons uncoped with and interfield problems unfaced. And for another, the answers of these sciences to current personal, educational, social and political problems—valid, innocuous, or false—are influencing life on this planet with an increasing and often concern-arousing tempo.

This society has been organized on an international, inter-disciplinary level to inquire into the historical origins of these disciplines and their concepts, to elucidate the variety and historical causation of past answers to their perennial problems and to survey the contemporary scene critically and evaluatively from these regards, that past truths unnoticed may be brought to discussions, that the successions of discovery that have led to present endeavors may be unravelled, and that by the assigning of importances, progress in the behavioral and social sciences may be more sure and the future projected with new wisdom.

Julian Jaynes

THE INTERNATIONAL SOCIETY FOR THE
HISTORY OF BEHAVIORAL AND SOCIAL
SCIENCES

Friday, May 9, 1969
Saturday, May 10, 1969
Sunday, May 11, 1969

Chairman

Julian Jaynes

Program Committee

Mary Henle
Josef Brozek

Conference Committee

John L. Sullivan
Wayne Lazar

INTERNATIONAL SOCIETY FOR THE HISTORY OF
BEHAVIORAL AND SOCIAL SCIENCES

SATURDAY, MAY 10, 1969

Woodrow Wilson School

9:00-10:30 A.M. *History of Instrumentation in Psychology.*

Chairman: Frank A. Geldard, Princeton University
John A. Popplestone, University of Akron
Prolegomenon to the Study of Psychological Apparatus
Erwin Streisinger, Polymetric Company
Instrumentation in Psychology: A Historical Review

10:30-11:00 A.M. Coffee

11:00-12:30 P.M. *Paper reading session.*

Chairman: Albin R. Gilbert, West Virginia Wesleyan College
Michael Wertheimer, University of Colorado
Karl Muenzinger's Account of the Historical Origins of Experimental Psychology
Richard Lowry, Vassar College
Helmholtz, Fechner, and the Psychophysical Rationale
William R. Woodward, Princeton University
Psychophysics and the Soul: Fechner's Analogies Convey Relations
Mary Henle, Graduate Faculty, New School for Social Research
Did Titchener Commit the Stimulus Error? The Problem of Meaning in Structural Psychology

Murray-Dodge Hall

12:30-1:45 P.M. Luncheon

Woodrow Wilson School

2:00-3:00 P.M. *Paper reading session.*

Chairman: J. C. Burnham, Ohio State University

Noel W. Smith, State University College of New York, Plattsburg
Aristotle's Dynamic Approach to Sensing and Some Current Implications

Raymond N. Wolfe, State University of New York, College at Geneseo. 14454

Personal Knowledge and Personal Causation

Julian Jaynes and Sheldon Kalick, Princeton University
Rationalism and Empiricism in Linguistic Theory

Roscoe C. Hinkle, Temple University

The Social Forces Concept in Early American Sociology

3:30-4:00 P.M. Coffee

4:00-5:00 P.M. *Paper reading session.*

Chairman: Virginia Staudt Sexton, Hunter College

John Sullivan, New York University and Cedric Larson, Rutgers University

From Radical Empiricism to Realism in American Philosophical Psychology: Edwin Bissell Holt

Julian Jaynes and Harvey Waxman, Princeton University

Knight Dunlap and the Founding of Behaviorism

Chris Koronakos, Western Michigan University

Watsonian Behaviorism: An Early Blueprint of Human Management

5:10-6:00 P.M. *Invited address.*

Chairman: David F. Musto, N.J.M.H.

Robert I. Watson, University of New Hampshire

A Prescriptive Analysis of the Psychological Views of Rene Descartes

New South Building

6:30-7:30 P.M. Reception

7:30-8:30 P.M. Dinner

Woodrow Wilson School

8:45-10:30 P.M. *Issues in Writing History of Science.*

Chairman: Josef Brozek, Lehigh University
Arthur C. Danto, Columbia University
Eugene Garfield, Institute for Scientific Information, Philadelphia
Thomas S. Kuhn, Princeton University
George Mora, Poughkeepsie, New York
John J. Sullivan, New York University

SUNDAY, MAY 11, 1969

Woodrow Wilson School

9:00-11:00 A.M. *Quantitative Approaches to Historical Research*

Chairman: Robert C. Davis, Case Western Reserve University
Current Applications of Quantitative Methods by American Historians
Klaus F. Riegel, University of Michigan
History as a Nomothetic Science
Barbara Ross, University of Massachusetts, Boston
Content Analysis as a Research Tool in the History of Psychology: A Case Study

11:00-11:30 A.M. Coffee

11:30-12:30 P.M. *Invited address.*

Chairman: Robert B. MacLeod, Cornell University
Solomon Diamond, California State College, Los Angeles
Gestation of the Instinct Concept

New South Building

12:30-1:30 P.M. Luncheon

Daniel S. Lehrman, Rutgers University
On Ethology and Comparative Psychology since World War II

Langfeld Lounge - Green Hall

1:30 P.M. Informal discussions

Notes

THE
INTERNATIONAL SOCIETY
FOR THE
HISTORY OF THE BEHAVIORAL AND
SOCIAL SCIENCES

MAY 9, 10, 11, 1969



PRINCETON UNIVERSITY

THE
INTERNATIONAL SOCIETY
FOR THE
HISTORY OF THE BEHAVIORAL AND
SOCIAL SCIENCES

MAY 9, 10, 11, 1969

Chairman: Julian Jaynes

Program Committee: Mary Henle
Josef Brozek

Conference Committee: John L. Sullivan
Wayne Lazar

Friday, May 9, 1969

Palmer Room, Nassau Inn

8:00-10:00 P.M. Registration and Reception

Saturday, May 10, 1969

Woodrow Wilson School

9:00-10:30 A.M. History of Instrumentation in Psychology

Chairman: Frank A. Geldard,
Princeton University

PROLEGOMENON TO THE STUDY OF
PSYCHOLOGICAL APPARATUS

John A. Popplestone,
University of Akron

INSTRUMENTATION IN PSYCHOLOGY:
A HISTORICAL REVIEW

Erwin Streisinger,
Polymetric Company

10:30-11:00 A.M. Coffee

11:00-12:30 P.M. Paper Reading Session

Chairman: Albin R. Gilbert,
West Virginia Wesleyan College

KARL MUENZINGER'S ACCOUNT OF THE HISTORICAL
ORIGINS OF EXPERIMENTAL PSYCHOLOGY

Michael Wertheimer,
University of Colorado

HELMHOLTZ, FECHNER, AND THE
PSYCHOPHYSICAL RATIONALE

Richard Lowry,
Vassar College

PSYCHOPHYSICS AND THE SOUL:
FECHNER'S ANALOGIES CONVEY RELATIONS

William R. Woodward,
Princeton University

DID TITCHENER COMMIT THE STIMULUS ERROR?
THE PROBLEM OF MEANING IN STRUCTURAL PSYCHOLOGY

Mary Henle, Graduate Faculty
New School for Social Research

Murray-Dodge Hall

12:30-1:45 P.M. Luncheon

Woodrow Wilson School

2:00-3:00 P.M. Paper Reading Session

Chairman: J. C. Burnham,
Ohio State University

ARISTOTLE'S DYNAMIC APPROACH TO
SENSING AND SOME CURRENT IMPLICATIONS

Noel W. Smith,
State University College of
New York, Plattsburg

29

PERSONAL KNOWLEDGE AND PERSONAL
CAUSATION

Raymond N. Wolfe,
State University of New York,
College at Geneseo

40

RATIONALISM AND EMPIRICISM IN
LINGUISTIC THEORY

Julian Jaynes and Sheldon Kalick,
Princeton University

57

THE SOCIAL FORCES CONCEPT IN
EARLY AMERICAN SOCIOLOGY

Roscoe C. Hinkle,
Temple University

19

3:30-4:00 P.M. Coffee

*Biological - non human
or polygenetic
Human - psychos - human
nature
social - defined set
of social
acts*

4:00-5:00 P.M. Paper Reading Session

Chairman: Virginia Staudt Sexton,
Hunter College

~~FROM RADICAL EMPIRICISM~~
^{NEUTRAL MONISM}
FROM RADICAL EMPIRICISM TO REALISM IN
AMERICAN PHILOSOPHICAL PSYCHOLOGY:
EDWIN BISSELL HOLT

John Sullivan,
New York University
and
Cedric Larson,
Rutgers University

KNIGHT DUNLAP AND THE FOUNDING
OF BEHAVIORISM

Julian Jaynes and Harvey Waxman,
Princeton University

WATSONIAN BEHAVIORISM: AN EARLY
BLUEPRINT OF HUMAN MANAGEMENT

Chris Koronakos,
Western Michigan University

5:10-6:00 P.M. Invited Address

Chairman: David F. Musto,
N.I.M.H.

A PRESCRIPTIVE ANALYSIS OF THE PSYCHOLOGICAL
VIEWS OF RENE DESCARTES

Robert I. Watson,
University of New Hampshire

New South Building

6:30-7:30 P.M. Reception

7:30-8:30 P.M. Dinner

Woodrow Wilson School

8:45-10:30 P.M. Issues in Writing History of Science

Chairman: Josef Brozek,
Lehigh University

Arthur C. Danto,
Columbia University

Eugene Garfield,
Institute for Scientific
Information, Philadelphia

Thomas S. Kuhn,
Princeton University

George Mora,
Poughkeepsie, New York

John J. Sullivan,
New York University

Sunday, May 11, 1969

Woodrow Wilson School

9:00-11:00 A.M. Quantitative Approaches to Historical Research

Chairman: Robert C. Davis,
Case Western Reserve University

CURRENT APPLICATIONS OF QUANTITATIVE METHODS
BY AMERICAN HISTORIANS

Robert C. Davis,
Case Western Reserve University

HISTORY AS A NOMOTHETIC SCIENCE

Klaus F. Riegel,
University of Michigan

CONTENT ANALYSIS AS A RESEARCH TOOL IN THE
HISTORY OF PSYCHOLOGY: A CASE STUDY

Barbara Ross,
University of Massachusetts, Boston

*Systematic as
opposed to quantitative*

11:00-11:30 A.M. Coffee

11:30-12:30 P.M. Invited Address

Chairman: Robert B. MacLeod,
Cornell University

GESTATION OF THE INSTINCT CONCEPT

Solomon Diamond,
California State College,
Los Angeles

New South Building

12:30-1:30 P.M. Luncheon

ON ETHOLOGY AND COMPARATIVE PSYCHOLOGY
SINCE WORLD WAR II

Daniel S. Lehrman,
Rutgers University

Langfeld Lounge - Green Hall

1:30 P.M. Informal Discussions

List of Participants

BLATT, Arthur
H. H. Lehman College

BOGAN, Catherine
Dept of State

BROZEK, Josef
Lehigh University

BURNHAM, J. C.
Ohio State University

CAHNMAN, Werner J.
Rutgers University

CARLSON, Eric T.
Cornell Univ Medical Center

DAIN, Norman
Rutgers University

DANTO, Arthur C.
Columbia University

DAVIS, Robert C.
Case Western Reserve Univ.

DIAMOND, Solomon
Calif State College, L. A.

GARFIELD, Eugene
Institute for Scientific Info.

GELDARD, Frank A.
Princeton University

GIBSON, Kenneth R.
Univ of New Hampshire

GILBERT, Albin R.
West Virginia Wesleyan College

GOODMAN, Elizabeth S.
Univ of New Hampshire

HENLE, Mary
The New School

HERRICK, C. James
Hartwick College

HINKLE, Gisela J.
Temple University

HINKLE, Roscoe C.
Temple University

HUBER, R. John
Univ. of New Hampshire

JAYNES, Julian
Princeton University

KALICK, Sheldon
Princeton University

KERN, Stephen
Columbia University

KORONAKOS, Chris
Western Michigan University

KUHN, Thomas S.
Princeton University

LAZAR, Wayne
Rutgers University

LEHRMAN, Daniel S.
Rutgers University

LOWRY, Richard
Vassar College

MORA, George
Astor Home for Children

MUSTO, David F.
National Institute of Mental Health

POPPLESTONE, John A.
University of Akron

RIEGEL, Klaus F.
University of Michigan

ROSS, Barbara
University of Massachusetts

SEXTON, Virginia Staudt
Herbert H. Lehman College
of CUNY

SKAIFE, Audrey M.
Wisconsin State University

SMITH, Noel W.
State University of N. Y.

STREISINGER, Erwin
Polymetric Company

SULLIVAN, John J.
New York University

WATSON, Robert I.
Univ. of New Hampshire

WAXMAN, Harvey
Princeton University

WERTHEIMER, Michael
University of Colorado

WEYANT, Robert G.
The University of Calgary

WOLFE, Raymond
State University of N. Y.

WOODWARD, William R.
Princeton University

NOTES